

## **ABSTRACT**

**[00133]** Systems and techniques for operating on data representing an account include posting an activity record representing account activity. The systems and techniques may involve setting an activity date for an activity having an accounting impact, determining a balance value, setting an accounting impact date, and setting a journal activity date. The balance value may correspond to the net sum of activity for the activity date. The accounting impact date may correspond to the latest accounting impact date among all journals affecting the balance value. The journal activity date may correspond to the latest accounting impact date among all journals affecting the sum of activity for prior processing dates applied on the date. In some cases, the activity record may be posted to a specific period.